

```
PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:d170pad
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?):☐
```

```
* * * * *
```

Welcome to MESSENGER (APS Text) at USPTO

```
* * * * *
```

The USPTO production files are current through:

June 15,1999 for U.S. Patent Text Data.

June 15,1999 for U.S. Current Classification Data.

June 15,1999 for U.S. Patent Image Data.

```
* * * * *
```

\* PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER \*

```
* * * * *
```

More U.S. patent data is now available on APS. The new  
USOCR file contains patents issued in 1970, plus some  
patents that were missing from the USPAT file. See the  
Patents News Folder under the Public Folders in e-mail for  
more information on using the new file. Thank you.

```
* * * * *
```

DISCLAIMER:  
Neither the United States Government, nor any agency  
thereof, nor any of their contractors, subcontractors or  
employees make any warranty, expressed or implied,  
including any warranty of marketability of fitness for a  
particular purpose; nor assumes any legal liability or  
responsibility for any party's use, or the results of  
such, of the data.

```
* * * * *
```

Help Desk --> 703-305-9000

The Help Desk is staffed for APS support 7 days/week.  
Monday through Friday: 6:30am - 9:00pm  
Saturday, Sunday, Holidays: 8:30am - 5:00pm

The Help Desk staff at this number will handle all APS  
related questions.

```
* * * * *
```

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<

The APS is available:  
6:30am - 9:00pm Monday through Friday  
7:30am - 5:00pm Saturday, Sunday, Holidays

APS is unavailable Thanksgiving Day, Christmas Day,  
and New Year's Day.

```
* * * * *
```

FILE 'USPAT' ENTERED AT 13:12:39 ON 15 JUN 1999

```

* * * * *
*       U. S.   P A T E N T   T E X T   F I L E       *
*
*   THE WEEKLY PATENT TEXT AND IMAGE DATA IS CURRENT   *
*   THROUGH June 15,1999.                               *
*
*
* * * * *

```

=> s milk and omega 6

```

          28667 MILK
          72965 OMEGA
        2225923 6
          374 OMEGA 6
              (OMEGA(W) 6)
L1          70 MILK AND OMEGA 6

```

=> d 1-70

1. 5,912,179, Jun. 15, 1999, Method for determining a level of oxidative stress of a tissue sample; Juan G. Alvarez, et al., 436/63; 250/910; 356/301; 436/64, 71, 171, 173; 600/310, 323, 473, 475, 476, 477, 478 [IMAGE AVAILABLE]
2. 5,904,948, May 18, 1999, Method for manufacturing a balanced, nutritionally complete coffee composition; Claude Sartorio, et al., 426/594, 453, 455, 588, 591, 595, 658, 800, 810 [IMAGE AVAILABLE]
3. 5,886,037, Mar. 23, 1999, Nutritional composition for the treatment of hypertriglyceridaemia and hyperchylomicronaemia; Hans-Ulrich Bernhard Klor, et al., 514/546; 424/523; 426/601, 602; 514/547, 557, 558, 560 [IMAGE AVAILABLE]
4. 5,882,703, Mar. 16, 1999, Product containing Mortierella sect. schmuckeri lipids; William R. Barclay, 426/7, 42, 43, 60, 61, 491, 492, 580, 585, 587, 601; 435/134, 135, 136 [IMAGE AVAILABLE]
5. 5,861,433, Jan. 19, 1999, Prevention and improvement of inflammation caused by leucotriene B4; Kengo Akimoto, et al., 514/560 [IMAGE AVAILABLE]
6. 5,858,445, Jan. 12, 1999, Process for making a margarine hardstock; Hindrik Huizinga, et al., 426/607, 33, 603, 606 [IMAGE AVAILABLE]
7. 5,849,335, Dec. 15, 1998, Composition and method for providing glutamine; Olivier Ballevre, et al., 424/535, 195.1; 514/562, 563 [IMAGE AVAILABLE]
8. 5,846,569, Dec. 8, 1998, Colostrum supplement; Michael R. Anderson, et al., 424/535, 157.1, 474; 426/580, 648 [IMAGE AVAILABLE]
9. 5,834,512, Nov. 10, 1998, Prevention and improvement of allergy caused by leucotriene B 4; Kengo Akimoto, et al., 514/560 [IMAGE AVAILABLE]
10. 5,801,026, Sep. 1, 1998, Use of plant fatty acyl hydroxylases to produce hydroxylated fatty acids and derivatives in plants; Chris Somerville, et al., 800/281; 435/134; 530/377; 536/23.6 [IMAGE AVAILABLE]
11. 5,780,439, Jul. 14, 1998, Whey protein hydrolysates and mixtures thereof with casein and/or soy protein hydrolysates; Francois Mendy, et al., 514/21; 426/583, 657, 804; 435/68.1; 530/343, 360, 365, 378, 407,

s simulated milk product

37946 SIMULATED  
28622 MILK  
620646 PRODUCT  
L14 10 SIMULATED MILK PRODUCT  
(SIMULATED(W)MILK(W) PRODUCT)

=> s 19 or l14

L15 255 L9 OR L14

=> s l15 and l12

L16 156 L15 AND L12

=> s l16 and 426/clas

45212 426/CLAS  
L17 93 L16 AND 426/CLAS

=> d 1-93

1. 5,902,627, May 11, 1999, Process for the production of alkali-treated yogurt powder possessing an immunological activity; Atushi Hamano, et al., **426/583, 34, 61, 580** [IMAGE AVAILABLE]

2. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, **426/583, 588, 602, 805** [IMAGE AVAILABLE]

3. 5,795,611, Aug. 18, 1998, Human infant formulas containing recombinant human alpha-lactalbumin and beta-casein; Charles W. Slattery, **426/580, 585, 801; 435/69.1** [IMAGE AVAILABLE]

4. 5,792,506, Aug. 11, 1998, Neutralization of food allergens by thioredoxin; Bob B. Buchanan, et al., **426/656; 424/94.4; 426/541, 549, 574, 581** [IMAGE AVAILABLE]

5. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine, **426/583, 588, 805** [IMAGE AVAILABLE]

6. 5,789,012, Aug. 4, 1998, Products from sweet potatoes, cassava, edible aroids, amaranth, yams, lotus, potatoes and other roots, seeds and fruit; Kara M. Slimak, **426/629, 518, 523, 550** [IMAGE AVAILABLE]

7. 5,753,296, May 19, 1998, Product and process of making hypoallergenic chocolate compositions; Leonard S. Girsh, **426/593, 425, 430, 434, 660** [IMAGE AVAILABLE]

8. 5,739,407, Apr. 14, 1998, Human .beta.-casein, process for producing it and use thereof; Sven Bergstrom, et al., 800/7; **426/580, 590, 648, 657, 801; 435/320.1; 530/361; 536/23.5, 24.1; 800/18, 25** [IMAGE AVAILABLE]

9. 5,725,899, Mar. 10, 1998, Protein-lipid emulsifying and gelling composition and method of preparing same; Morton S. Cole, et al., **426/598, 656** [IMAGE AVAILABLE]

10. 5,714,182, Feb. 3, 1998, Whey protein and casein co-precipitate for texturizing dairy products; Jean-Pierre Bisson, et al., **426/34, 36, 38, 40, 41, 491, 519, 522, 582, 583** [IMAGE AVAILABLE]
11. 5,624,671, Apr. 29, 1997, Method for increasing egg production rate, egg weight or eggshell strength by administering a composition containing the plants *Rosa roxburghii*, *Artemisiae argyi* folium and *Brassica oleracea* var. *capitata* L.; Seiichi Araki, et al., 424/195.1, 93.7; **426/2** [IMAGE AVAILABLE]
12. 5,523,237, Jun. 4, 1996, Protein preparations; Peter Budtz, et al., 435/68.1; **426/34, 41, 656, 657**; 435/219, 220, 221, 222 [IMAGE AVAILABLE]
13. 5,503,864, Apr. 2, 1996, Process for preparing a fraction having a high content of .alpha.-lactalbumin from whey and nutritional compositions containing such fractions; Yukio Uchida, et al., **426/583, 657**; 530/833 [IMAGE AVAILABLE]
14. 5,478,587, Dec. 26, 1995, Dessert composition; Armand Mingione, **426/565, 566, 567, 570, 583, 613** [IMAGE AVAILABLE]
15. 5,451,412, Sep. 19, 1995, Biologically active undenatured whey protein concentrate as food supplement; Gustavo Bounous, et al., 424/535; **426/72**; 514/2, 21, 251, 276, 885; 530/365, 833 [IMAGE AVAILABLE]
16. 5,447,740, Sep. 5, 1995, Method of producing an imitation milk; Ronald L. Brown, **426/580, 34, 36, 41, 491, 583** [IMAGE AVAILABLE]
17. 5,290,571, Mar. 1, 1994, Biologically active whey protein concentrate; Gustavo Bounous, et al., 424/535; **426/72**; 514/2, 21, 251, 276, 885; 530/365, 833 [IMAGE AVAILABLE]
18. 5,244,689, Sep. 14, 1993, Flour, bread, milk, and other products from white sweet potatoes cassava, edible aroids, amaranth, yams, and lotus; Karen M. Slimak, **426/629, 94, 518, 523, 552, 615, 633, 637, 640** [IMAGE AVAILABLE]
19. 5,204,137, Apr. 20, 1993, Processes for products from sweet potato; Karen M. Slimak, **426/637, 518, 524, 549, 552, 562, 801, 804** [IMAGE AVAILABLE]
20. 5,175,015, Dec. 29, 1992, Process of making low fat low cholesterol milk products; Marvin L. Kahn, et al., **426/585, 575, 576, 577, 578, 580, 583, 588, 604** [IMAGE AVAILABLE]
21. 5,153,005, Oct. 6, 1992, Composition and method for preventing fluorosis; Marcus G. Grodberg, 424/676, 52, 673; **426/74** [IMAGE AVAILABLE]
22. 5,128,167, Jul. 7, 1992, Composition for the preparation of artificial calf milk and artificial calf milk prepared therefrom; Andre H. J. De Laporte, **426/580, 2, 588, 602, 807** [IMAGE AVAILABLE]
23. 5,102,684, Apr. 7, 1992, Koala feedstuff; Ian D. Hume, et al., **426/636, 517, 518, 548, 634, 635, 655, 658** [IMAGE AVAILABLE]
24. 5,100,679, Mar. 31, 1992, Method of making a modified proteinaceous product and composition thereof; Rita M. Delrue, **426/44, 46**,

50, 634 [IMAGE AVAILABLE]

25. 5,066,500, Nov. 19, 1991, Infant formulas and nutrition products enriched with nucleosides and/or nucleotides and processes for their preparation; Angel H. Gil, et al., **426/72, 801** [IMAGE AVAILABLE]

26. 5,063,074, Nov. 5, 1991, Low fat low cholesterol milk products; Marvin L. Kahn, et al., **426/585, 580, 584, 604** [IMAGE AVAILABLE]

27. 5,032,409, Jul. 16, 1991, Koala feedstuff; Ian D. Hume, et al., **426/2, 548, 635, 636, 658** [IMAGE AVAILABLE]

28. 4,994,442, Feb. 19, 1991, Method for stimulation or repair and regeneration of intestinal gut cells in infants and enhancing the immune response of t-cells; Angel H. Gil, et al., 514/45; **426/72, 73, 74**; 514/46, 47, 48, 49, 50, 51, 885 [IMAGE AVAILABLE]

29. 4,990,344, Feb. 5, 1991, Method for making soluble rice protein concentrate and the product produced therefrom; John R. Euber, et al., **426/28, 44, 656, 801** [IMAGE AVAILABLE]

30. 4,960,589, Oct. 2, 1990, Method of enhancing growth and improving feed conversion ratio in **animals** and block for use therein; Tutomu Sasagawa, 424/442; **426/658**; 514/23 [IMAGE AVAILABLE]

31. 4,959,350, Sep. 25, 1990, Enteral diet product and agent for production thereof; Sven Frokjaer, et al., 514/2; **426/656**; 514/21; 530/378 [IMAGE AVAILABLE]

32. 4,952,418, Aug. 28, 1990, Koala feedstuff; Ian D. Hume, et al., **426/636, 2, 548, 658** [IMAGE AVAILABLE]

33. 4,946,703, Aug. 7, 1990, Processes for products from true yam; Karen M. Slimak, **426/637, 385, 518, 520, 523, 524, 552, 601, 602, 640** [IMAGE AVAILABLE]

34. 4,938,984, Jul. 3, 1990, Nutritive compositions containing fatty substances; Helmut Traitler, et al., **426/580, 601, 801** [IMAGE AVAILABLE]

35. 4,929,467, May 29, 1990, Processes for products from lotus; Karen M. Slimak, **426/637, 518, 520, 523, 524, 552, 562, 601, 615, 640, 661, 801, 804** [IMAGE AVAILABLE]

36. 4,925,697, May 15, 1990, Process for products from sweet potato; Karen M. Slimak, **426/637, 518, 520, 523, 524, 552, 562, 601, 615, 661, 801, 804** [IMAGE AVAILABLE]

37. 4,925,696, May 15, 1990, Processes for products from malanga; Karen M. Slimak, **426/637, 518, 520, 523, 524, 552, 562, 601, 615, 640, 661, 801, 804** [IMAGE AVAILABLE]

38. 4,923,709, May 8, 1990, Processes for products from cassava; Karen M. Slimak, **426/640, 94, 518, 520, 523, 524, 552, 562, 601, 602, 615, 637** [IMAGE AVAILABLE]

39. 4,915,972, Apr. 10, 1990, Food processing in oxygen-free environment; Rajendra P. Gupta, et al., **426/598, 518, 634** [IMAGE AVAILABLE]

40. 4,911,943, Mar. 27, 1990, Processes for products from amaranth;

Karen M. Slimak, 426/629, 518, 523, 524, 551,  
552, 601, 615, 661, 804 [IMAGE AVAILABLE]

41. 4,911,937, Mar. 27, 1990, Chewable, peelable, layered soft nougat candies; Vincent G. Crosello, et al., 426/103, 659, 660  
[IMAGE AVAILABLE]

42. 4,869,907, Sep. 26, 1989, Method of enhancing growth and weight gain in swine and block for use therein; Tutomu Sasagawa, 424/442; 426/658; 514/23 [IMAGE AVAILABLE]

43. 4,820,527, Apr. 11, 1989, Method of feeding ruminants; Borge H. Christensen, et al., 426/2, 69, 72, 74, 623, 630, 636, 656, 807 [IMAGE AVAILABLE]

44. 4,778,680, Oct. 18, 1988, Livestock feed containing inulo-oligosaccharides and breeding of livestock by using the same; Hidemasa Hidaka, et al., 426/2, 658, 807 [IMAGE AVAILABLE]

45. 4,762,822, Aug. 9, 1988, Reduction of gastrointestinal disease-producing organisms with sialic acid and gangliosides; Anna C. Ettinger, 514/25; 426/335, 532; 514/2, 23, 42, 867 [IMAGE AVAILABLE]

46. 4,744,524, May 17, 1988, Equipment for making no-beany flavor soymilk; Rajendra P. Gupta, et al., 241/36; 99/340, 348, 483, 484, 511; 241/46.02, 46.06, 65, DIG.14; 426/518 [IMAGE AVAILABLE]

47. 4,726,948, Feb. 23, 1988, Anti-bacterial feedstuff compositions and process for preparing the same; Jean-Paul H. P. Prieels, et al., 424/94.4, 609, 616; 426/648, 658; 514/867 [IMAGE AVAILABLE]

48. 4,692,338, Sep. 8, 1987, **Milk substitute**; Sheila M. Irvine, et al., 426/2, 335, 532, 583, 588, 807 [IMAGE AVAILABLE]

49. 4,643,900, Feb. 17, 1987, Method for making bakery products; Roy W. Porter, 426/21, 19, 549, 653 [IMAGE AVAILABLE]

50. 4,618,502, Oct. 21, 1986, Process for converting casein to caseinate; Marvin F. Beach, 426/583, 580 [IMAGE AVAILABLE]

51. 4,614,653, Sep. 30, 1986, Milk replacer and method of feeding; Madhu Kakade, 426/2, 56, 72, 74, 583, 807 [IMAGE AVAILABLE]

52. 4,568,550, Feb. 4, 1986, Process for preparing a cooked extruded flour-based product; Charles V. Fulger, et al., 426/19, 498, 551 [IMAGE AVAILABLE]

53. 4,544,559, Oct. 1, 1985, Nucleotide enriched humanized milk and process for its preparation; Angel Gil, et al., 426/72, 73, 74, 399, 401, 580, 585, 658, 801 [IMAGE AVAILABLE]

54. 4,542,031, Sep. 17, 1985, Process for the production of **animal** feedstuff; Taiji Nakajima, et al., 426/307, 335, 453, 518, 532, 623, 630, 807 [IMAGE AVAILABLE]

55. 4,511,590, Apr. 16, 1985, Low-lactose, low-galactose imitation milk product; Marion J. Caldwell, 426/580, 582, 585, 602, 613 [IMAGE AVAILABLE]

56. 4,483,874, Nov. 20, 1984, Preparation of **milk substitute**; Hans A. S. Olsen, 426/44, 46, 52 [IMAGE AVAILABLE]

57. 4,478,866, Oct. 23, 1984, Emulsifiers comprising lysophosphatidic acid or a salt thereof and processes for making a dough containing same; Shigenori Ohta, et al., **426/549, 26, 653, 662**; 435/267, 271; 516/56 [IMAGE AVAILABLE]
58. 4,446,164, May 1, 1984, Whey based imitation milk compositions; Roy A. Brog, **426/583, 585, 588** [IMAGE AVAILABLE]
59. 4,418,084, Nov. 29, 1983, Neutral protein beverage; Edward D. Murray, et al., **426/250, 590, 598, 650, 656** [IMAGE AVAILABLE]
60. 4,414,237, Nov. 8, 1983, Process for preparing a sauce containing bread crumbs and product thereof; David N. Evans, et al., **426/589, 19, 397, 638** [IMAGE AVAILABLE]
61. 4,397,927, Aug. 9, 1983, Imitation milk compositions and aqueous dispersions prepared therefrom; Roy A. Brog, **426/583, 584, 585, 590** [IMAGE AVAILABLE]
62. 4,389,425, Jun. 21, 1983, Method of making soy milk containing stabilized protein; Jack Burr, II, **426/598, 311, 634** [IMAGE AVAILABLE]
63. 4,378,376, Mar. 29, 1983, Simulated milk protein replacer of improved suspension characteristics; Thomas J. Wagner, et al., **426/41, 583** [IMAGE AVAILABLE]
64. 4,351,849, Sep. 28, 1982, Foraminous mat products; Reginald E. Meade, **426/61, 72, 73, 285, 294, 317, 580, 582, 583, 588, 658** [IMAGE AVAILABLE]
65. 4,351,735, Sep. 28, 1982, Mineral enrichment composition and method of preparing same; Bruce D. Buddemeyer, et al., 252/1; 71/27; **426/74, 531**; 556/7, 8, 9, 14, 26, 174, 404 [IMAGE AVAILABLE]
66. 4,337,278, Jun. 29, 1982, Imitation milk; Roy A. Brog, **426/583, 585, 588** [IMAGE AVAILABLE]
67. 4,331,692, May 25, 1982, Cocoa fruits and products; Ulla Drevici, et al., **426/310, 321, 482, 631, 635, 807** [IMAGE AVAILABLE]
68. 4,310,561, Jan. 12, 1982, Protein-free synthetic milk or the like; Bruce D. Buddemeyer, et al., **426/601, 602, 613** [IMAGE AVAILABLE]
69. 4,303,692, Dec. 1, 1981, Infant **milk formula**; Gerald E. Gaull, **426/580, 2, 583, 590, 634, 656, 801** [IMAGE AVAILABLE]
70. 4,294,856, Oct. 13, 1981, Process for manufacture of **artificial milk** replacer for raising infant pigs and other infant **animals**; Toyosuke Kinumaki, et al., **426/7, 643, 805** [IMAGE AVAILABLE]
71. 4,279,939, Jul. 21, 1981, Milk replacer for baking containing isolated vegetable protein; Iue C. Cho, **426/583, 653, 656** [IMAGE AVAILABLE]
72. 4,259,358, Mar. 31, 1981, Preparation of food products; Iain F. Duthie, **426/46, 52, 72, 598, 656** [IMAGE AVAILABLE]
73. 4,242,364, Dec. 30, 1980, Dry powdered non-dairy food composition containing liquid fat; Bruce D. Buddemeyer, et al., **426/98, 103,**

**471, 613, 658** [IMAGE AVAILABLE]

74. 4,216,236, Aug. 5, 1980, Infant **milk formula** and process for its manufacture; Hans R. Mueller, et al., **426/72, 73, 74, 585, 590, 658, 801** [IMAGE AVAILABLE]

75. 4,214,996, Jul. 29, 1980, Mineral enrichment composition and method of preparing same; Bruce D. Buddemeyer, et al., 252/1; 71/27; **426/74, 531; 556/7, 8, 14, 26** [IMAGE AVAILABLE]

76. 4,206,245, Jun. 3, 1980, Complete utilization of cocoa fruits and products; Ulla Drevici, et al., **426/599; 8/115.6; 106/124.1; 131/359, 369; 156/336; 426/603, 615, 654, 655** [IMAGE AVAILABLE]

77. 4,163,069, Jul. 31, 1979, Non-fat dry **milk substitute** product; Nicholas Melachouris, et al., **426/582, 580, 583, 588, 654, 657** [IMAGE AVAILABLE]

78. 4,156,021, May 22, 1979, Oleaginous fibrous simulated food product; Terence W. Richardson, **426/104, 250, 330.6, 573, 574, 575, 577, 604, 613, 658, 801, 802** [IMAGE AVAILABLE]

79. 4,132,808, Jan. 2, 1979, Method of feeding young **animals**; Madhu L. Kakade, **426/2, 72, 74, 430, 431, 629, 634, 807** [IMAGE AVAILABLE]

80. 4,105,803, Aug. 8, 1978, Soybean-cheese whey food product; Andrew C. Peng, **426/583, 582, 634** [IMAGE AVAILABLE]

81. 4,089,981, May 16, 1978, Fibrous simulated food product with gel structure; Terence W. Richardson, **426/104, 574, 575, 576, 577, 578, 601, 804** [IMAGE AVAILABLE]

82. 4,054,677, Oct. 18, 1977, Process for preparing vegetal proteinic concentrates, products thereby obtained, and milk substituting feeds containing said concentrates; Stefano Orban, **426/602, 656, 807; 530/372, 377, 378** [IMAGE AVAILABLE]

83. 4,007,088, Feb. 8, 1977, Process of manufacturing native microbial protein with a low content of nucleic acids; Zdenek Fenc1, et al., **426/7, 61, 62, 429; 435/270, 837, 849, 858, 911, 921, 930, 938, 944; 530/371, 407, 820, 821, 825** [IMAGE AVAILABLE]

84. 3,995,071, Nov. 30, 1976, Aqueous purified soy protein and beverage; Kenneth C. Goodnight, Jr., et al., **426/598, 655, 656; 530/378, 414** [IMAGE AVAILABLE]

85. 3,973,046, Aug. 3, 1976, Method for preparing a mixture of finely crystallized fat and a powder; Jan Mol, **426/289, 98** [IMAGE AVAILABLE]

86. 3,941,890, Mar. 2, 1976, Method of making soy milk; Frederick G. Drachenberg, et al., **426/46, 243** [IMAGE AVAILABLE]

87. 3,911,108, Oct. 7, 1975, Process of producing bovine milk products containing specific antibodies; Vipin K. Singh, deceased, 424/157.1, 223.1; **426/335** [IMAGE AVAILABLE]

88. 3,901,978, Aug. 26, 1975, Soybean beverage and process; Alvin I. Nelson, et al., **426/565, 508, 598, 634, 656** [IMAGE AVAILABLE]

89. 3,892,880, Jul. 1, 1975, Method for the manufacture of crystalline, flowable, stable fat powders or mixtures of such fat powders with other



powdery materials; Erhard Grolitsch, **426/541, 388, 417, 555, 588, 590, 607, 609, 613** [IMAGE AVAILABLE]

90. 3,876,794, Apr. 8, 1975, Dietetic foods; Hans H. Rennhard, **426/548, 426, 553, 576, 584, 589, 593, 601, 605, 660, 804** [IMAGE AVAILABLE]

91. 3,873,751, Mar. 25, 1975, Preparation of a **simulated milk product**; Robert H. Arndt, **426/583, 471, 487, 520, 522, 656** [IMAGE AVAILABLE]

92. 3,846,397, Nov. 5, 1974, PROCESS FOR UTILIZING BARLEY MALT; John H. Ernster, 530/372; **426/436, 656, 807** [IMAGE AVAILABLE]

93. 3,843,828, Oct. 22, 1974, PREPARATION OF A **SIMULATED MILK PRODUCT**; Robert H. Arndt, **426/585, 519, 520, 598, 656** [IMAGE AVAILABLE]

1. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine,  
426/583, 588, 602, 805 [IMAGE AVAILABLE]

2. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine,  
426/583, 588, 805 [IMAGE AVAILABLE]

d 23 kwic

US PAT NO: 5,294,458 [IMAGE AVAILABLE]  
US-CL-CURRENT: 426/635, 2, 658, 805; 435/97

L9: 23 of 35

SUMMARY:

BSUM(15)

A pet food according to the present invention comprises lactosucrose having distinctive characteristics superior to **fructooligosaccharide** in metabolizing of intestinal flora, which is substantially uniformly mixed in other food in a range of 0.025 to 3.0%. . .

SUMMARY:

BSUM(17)

The . . . content of 12% or less. The dry type pet food also includes foods in a form of biscuits, artificial powder **milk**, flakes, crumbles (granules), semi-dry type and the like.

SUMMARY:

BSUM(24)

1) **fructooligosaccharide** obtained from sucrose using .beta.-fructofranosidase,

SUMMARY:

BSUM(27)

lactosucrose . . . as a raw material, and is represented by the following chemical formula which is synthesized by glycosyl transition reaction of .beta.-**fructooligosaccharide**. ##STR1##

US PAT NO: 5,082,662 [IMAGE AVAILABLE] L13: 14 of 46  
US-CL-CURRENT: 424/442, 451, 464, 684; **426/805, 807**; 514/832,  
833, 893, 894

ABSTRACT:

Methods of (a) improving the quality of the bones and/or increasing the bone strength and/or the blood quality of and/or (b) treating ascites and/or fatty liver syndrome in animals, including humans, cattle, sheep, goats, swine, cats, **dogs** and poultry without deleterious effects on the animals or products of the animals by adding small effective amounts of zeolite to the feed of the animals or directly to the animals in the form of a capsule, tablet or the like.

S

s bitch (p) milk

46 BITCH  
28622 MILK  
L15 2 BITCH (P) MILK

=> d 1-2

1. 5,792,506, Aug. 11, 1998, Neutralization of food allergens by thioresdoxin; Bob B. Buchanan, et al., 426/656; 424/94.4; 426/541, 549, 574, 581 [IMAGE AVAILABLE]

2. 4,351,849, Sep. 28, 1982, Foraminous mat products; Reginald E. Meade, 426/61, 72, 73, 285, 294, 317, 580, 582, 583, 588, 658 [IMAGE AVAILABLE]

=> d 1-2 kwic

US PAT NO: 5,792,506 [IMAGE AVAILABLE] L15: 1 of 2

DETDESC:

DETD(366)

A litter of 9 pups (4 males, 5 females) was born to an in-bred IgE-responder **bitch** sired by her brother. On newborn day 1, for the cow's **milk**, soy and rice studies, a nine-pup litter was divided into two groups: Group I of 5 pups was injected subcutaneously. . . alum; Group II of 4 pups was injected SQ in the right axilla with 1 .mu.g of commercial dried cow's **milk** extract (described in Example 33) solubilized in 0.2 ml saline and 0.2 ml alum. All 9 pups were also given.  
. . .

US PAT NO: 4,351,849 [IMAGE AVAILABLE] L15: 2 of 2

DETDESC:

DETD(224)

A highly dissolvable and suitable mat product for a substitute for **bitch's milk** in feeding pups having the following characteristics was prepared, employing the equipment pursuant to Example XIV from an aqueous medium. . .

> s palmitic and stearic and oleic and linoleic and arachidonic and docosahexaenoic

```
      15395 PALMITIC
      43518 STEARIC
      25996 OLEIC
      10534 LINOLEIC
      4631 ARACHIDONIC
      381 DOCOSAHEXAENOIC
L16    83 PALMITIC AND STEARIC AND OLEIC AND LINOLEIC AND ARACHIDONIC
AN
      D DOCOSAHEXAENOIC
```

=> s l16 and 426/clas

```
      45212 426/CLAS
L17    37 L16 AND 426/CLAS
```

=> d 1-37

1. 5,886,037, Mar. 23, 1999, Nutritional composition for the treatment of hypertriglyceridaemia and hyperchylomicronaemia; Hans-Ulrich Bernhard Klor, et al., 514/546; 424/523; **426/601, 602**; 514/547, 557, 558, 560 [IMAGE AVAILABLE]

2. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, **426/583, 588, 602, 805** [IMAGE AVAILABLE]

3. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine, **426/583, 588, 805** [IMAGE AVAILABLE]

4. 5,780,451, Jul. 14, 1998, Nutritional product for a person having ulcerative colitis; Stephen Joseph DeMichele, et al., 514/54; **426/567, 658**; 514/168, 188, 552, 566, 725, 810, 812, 813, 861 [IMAGE AVAILABLE]

5. 5,662,953, Sep. 2, 1997, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., **426/2, 607, 804** [IMAGE AVAILABLE]

6. 5,565,232, Oct. 15, 1996, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., **426/607, 660, 804** [IMAGE AVAILABLE]

7. 5,552,174, Sep. 3, 1996, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., **426/607, 804** [IMAGE AVAILABLE]

8. 5,456,939, Oct. 10, 1995, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., **426/660, 607, 804** [IMAGE AVAILABLE]

9. 5,444,054, Aug. 22, 1995, Method of treating ulcerative colitis; Keith A. Garleb, et al., 514/54; **426/72**; 514/867, 925 [IMAGE AVAILABLE]

10. 5,411,756, May 2, 1995, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., **426/607, 601, 804** [IMAGE AVAILABLE]

11. 5,378,490, Jan. 3, 1995, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., 426/606, 607, 804 [IMAGE AVAILABLE]
12. 5,308,832, May 3, 1994, Nutritional product for persons having a neurological injury; Keith A. Garleb, et al., 514/2; 426/656, 800; 514/21 [IMAGE AVAILABLE]
13. 5,286,512, Feb. 15, 1994, Diol lipid analogues as edible fat replacements; Lawrence P. Klemann, et al., 426/611, 804; 554/223, 227 [IMAGE AVAILABLE]
14. 5,268,192, Dec. 7, 1993, Low calorie nut products and process of making; Denise Zook, et al., 426/633, 460, 464, 465, 466, 489, 611 [IMAGE AVAILABLE]
15. 5,266,346, Nov. 30, 1993, Extended ester derivatives as low calorie fat mimetics; Lawrence P. Klemann, et al., 426/611, 566, 804 [IMAGE AVAILABLE]
16. 5,258,197, Nov. 2, 1993, Reduced calorie triglyceride mixtures; Edward L. Wheeler, et al., 426/607, 660, 804 [IMAGE AVAILABLE]
17. 5,240,996, Aug. 31, 1993, Extended polyvinyl alcohol esters as low calorie fat mimetics; Ronald P. D'Amelia, et al., 525/59; 426/611, 612; 525/222, 224 [IMAGE AVAILABLE]
18. 5,240,726, Aug. 31, 1993, Product and process of making low calorie nuts; Denise Zook, et al., 426/289, 93, 293, 309, 601, 607, 611, 632 [IMAGE AVAILABLE]
19. 5,230,913, Jul. 27, 1993, Fat mimetic having mineral core with fatty coating; Lawrence P. Klemann, 426/97, 98, 531, 601, 804 [IMAGE AVAILABLE]
20. 5,223,285, Jun. 29, 1993, Nutritional product for pulmonary patients; Stephen J. DeMichele, et al., 426/72, 73, 800, 801; 514/904 [IMAGE AVAILABLE]
21. 5,219,605, Jun. 15, 1993, Siloxy ester derivatives as low calorie fat mimetics; Lawrence P. Klemann, et al., 426/531, 611, 804 [IMAGE AVAILABLE]
22. 5,219,604, Jun. 15, 1993, Use of ester-bridged side chains to suppress caloric availability of fat compounds; Lawrence P. Klemann, et al., 426/531, 601, 611, 804 [IMAGE AVAILABLE]
23. 5,190,783, Mar. 2, 1993, Primary amide esters as low calorie fat mimetics; Lawrence P. Klemann, et al., 426/531, 549, 580, 611, 804 [IMAGE AVAILABLE]
24. 5,190,782, Mar. 2, 1993, Acylated amino acid ester derivatives as low calorie fat mimetics; Ronald G. Yarger, et al., 426/531, 549, 601, 602, 611, 804 [IMAGE AVAILABLE]
25. 5,151,291, Sep. 29, 1992, Glycerides of eicosapentaenoic acid, processes for preparing the same and oil and fat products containing the same; Shigeru Tokairin, et al., 426/581, 583, 585, 601, 602, 603, 604, 605, 606, 607, 611; 554/163, 169, 224 [IMAGE AVAILABLE]
26. 5,124,166, Jun. 23, 1992, Carboxy/carboxylate disubstituted esters as edible fat mimetics; Peter T. Jacklin, et al., 426/531, 496, 601, 611, 804; 554/223, 224, 227 [IMAGE AVAILABLE]

27. 5,068,120, Nov. 26, 1991, Amine ester derivatives as low calorie fat mimetics; Ronald G. Yarger, et al., **426/611, 603, 612**; 554/103, 104, 110, 114 [IMAGE AVAILABLE]
28. 5,068,119, Nov. 26, 1991, Acid-hydrolyzable ester derivatives as low calorie fat mimetics; Lawrence P. Klemann, et al., **426/601, 611, 804** [IMAGE AVAILABLE]
29. 5,063,075, Nov. 5, 1991, Amide ether derivatives as low calorie fat mimetics; Ronald G. Yarger, et al., **426/601, 603, 611, 612**; 554/61, 63, 64 [IMAGE AVAILABLE]
30. 5,059,442, Oct. 22, 1991, Primary amide esters as low calorie fat mimetics; Lawrence P. Klemann, et al., **426/531, 601, 611, 804**; 554/58, 63 [IMAGE AVAILABLE]
31. 5,045,338, Sep. 3, 1991, Secondary amide esters as low calorie fat mimetics; Lawrence P. Klemann, et al., **426/611, 531, 601, 808**; 536/18.7, 53, 55.2; 554/57, 58, 64, 106, 110, 111, 112 [IMAGE AVAILABLE]
32. 5,043,179, Aug. 27, 1991, Triol triester derivatives as low calorie fat mimetics; Lawrence P. Klemann, et al., **426/531, 566, 601, 611, 804**; 560/185 [IMAGE AVAILABLE]
33. 5,017,386, May 21, 1991, Method of reducing odor associated with hexanal production in plant products; David F. Hildebrand, et al., **426/18, 31, 46** [IMAGE AVAILABLE]
34. 4,992,293, Feb. 12, 1991, Thioester derivatives as low calorie fat mimetics; Lawrence P. Klemann, et al., **426/611, 601, 804**; 558/251, 255 [IMAGE AVAILABLE]
35. 4,983,329, Jan. 8, 1991, Preparation of esterified propoxylated glycerin from free fatty acids; Charles F. Cooper, 554/172; **426/611**; 554/202, 205 [IMAGE AVAILABLE]
36. 4,832,975, May 23, 1989, Tailored triglycerides having improved autoignition characteristics; David K. Yang, **426/607, 549, 580, 601, 603, 804**; 554/223, 224 [IMAGE AVAILABLE]
37. 4,525,306, Jun. 25, 1985, Method for prevention of oxidation of oils and fats and soft capsules containing the treated oils and fats; Mizuo Yajima, **426/93**; 252/398; 514/560 [IMAGE AVAILABLE]



## ABSTRACT:

An enteral nutritional product for a person having ulcerative colitis contains in combination (a) an oil blend which contains eicosapentaenoic acid (20:5n3) and/or **docosahexaenoic** acid (22:6n3), and (b) a source of indigestible carbohydrate which is metabolized to short chain fatty acids by microorganisms present in the human colon. Preferably the nutritional product also contains one or more nutrients which act as antioxidants.

## ABSTRACT:

A liquid nutritional product for enteral feeding contains a fat source which provides desirable effects when fed to pulmonary patients. The fat source having by weight a ratio of [n-(6) to n-(3)] fatty acids from the group consisting of **Linoleic** acid (18:2n6), Gamma-Linolenic acid (18:3n6), and **Arachidonic** acid (20:4n6) to fatty acids from the group consisting of Alpha-Linolenic acid (18:3n3), Stearidonic acid (18:4n3), Eicosapentaenoic acid (20:5n3), Docosapentaenoic acid (22:5n3) and **Docosahexaenoic** acid (22:6n3) in the range of about 1.5 to about 3.0, a ratio of **Linoleic** acid (18:2n6) to Alpha-Linolenic acid (18:3n3) in the range of about 3.0 to about 10.0, and a ratio of the sum of Eicosapentaenoic acid (20:5n3) and **Docosahexaenoic** acid (22:6n3) to Gamma-Linolenic acid (18:3n6) in the range of about 1.0 to about 10.0. In a preferred embodiment the nutritional product contains quantities of nutrients having anti-oxidant properties in vivo, such as beta-carotene, vitamin E, vitamin C, selenium, and taurine.

d 13 ab

US PAT NO: 5,714,181 [IMAGE AVAILABLE]

L9: 13 of 35

ABSTRACT:

The present invention is directed to a convenient and economical method for improving the rate of raising newborn piglets from the pregnancy of the sow to the weaning of the piglets. The method reduces the incidence of premature piglets and increases the lacteal yield of breeding sows by feeding the breeding sows a feed containing saccharides mainly composed

12. 5,780,039, Jul. 14, 1998, Orally-ingestible nutrition compositions having improved palatability; Norman A. Greenberg, et al., 424/400, 455, 489; 426/98, 534, 656, 800, 801 [IMAGE AVAILABLE]
13. 5,777,141, Jul. 7, 1998, Process for recovering unsaturated fatty acids and derivatives thereof; Gerd Brunner, et al., 554/175, 194 [IMAGE AVAILABLE]
14. 5,766,621, Jun. 16, 1998, Support of pediatric patients; Susan Trimbo, et al., 424/439; 514/2, 21 [IMAGE AVAILABLE]
15. 5,766,571, Jun. 16, 1998, Method of treating human breast cancer by administration of radiolabeled antibody and unsaturated fatty acids; Roberto L. Ceriani, et al., 424/1.49, 138.1, 152.1, 155.1, 157.1, 178.1; 530/387.7, 388.8, 388.85, 389.7, 391.3 [IMAGE AVAILABLE]
16. 5,756,088, May 26, 1998, Prescription diet composition for treatment of dog and cat dermatosis; Ichiro Matsuura, et al., 424/93.4, 93.1, 93.41, 93.44, 93.45, 93.46, 439, 442; 426/2, 61 [IMAGE AVAILABLE]
17. 5,739,336, Apr. 14, 1998, 1,3,8-triaza- and 3,8-diaza-1-oxaspiro [4,5] decane derivatives; Klaus K. Weinhardt, et al., 546/20, 19; 549/430 [IMAGE AVAILABLE]
18. 5,733,884, Mar. 31, 1998, Enteral formulation designed for optimized wound healing; Adrian Barbul, et al., 514/21; 424/439; 426/72, 607, 656, 658; 514/2, 23, 54, 558, 560, 565, 943 [IMAGE AVAILABLE]
19. 5,728,678, Mar. 17, 1998, Method and composition for providing nutrition to a renal failure patient; Susan Trimbo, et al., 514/12; 424/535; 426/583, 656, 657; 514/2, 561, 869, 943 [IMAGE AVAILABLE]
20. 5,723,446, Mar. 3, 1998, Enteral formulation designed for optimized nutrient absorption and wound healing; Debora Gray, et al., 514/21; 424/DIG.13; 426/72, 607, 656, 658; 514/2, 23, 54, 538, 560, 943 [IMAGE AVAILABLE]
21. 5,714,472, Feb. 3, 1998, Enteral formulation designed for optimized nutrient absorption and wound healing; Debora Gray, et al., 514/21; 424/DIG.13; 426/72, 607, 656, 658; 514/2, 23, 54, 558, 560, 943 [IMAGE AVAILABLE]
22. 5,712,165, Jan. 27, 1998, Method and apparatus for detecting hydrocarbon oxidation; Juan G. Alvarez, et al., 436/21; 250/910; 356/301; 422/82.05; 426/87, 231; 436/20, 23, 60, 71, 142, 164, 172 [IMAGE AVAILABLE]
23. 5,698,244, Dec. 16, 1997, Method for raising animals having high concentrations of omega-3 highly unsaturated fatty acids; William R. Barclay, 426/2, 53, 635, 807 [IMAGE AVAILABLE]
24. 5,690,918, Nov. 25, 1997, Solvent-based non-drying lipstick; Terry Jacks, et al., 424/64, 401 [IMAGE AVAILABLE]
25. 5,686,429, Nov. 11, 1997, Method for providing nutrition to elderly patients; Paul M. Lin, et al., 514/52; 426/607, 608; 514/167, 251, 458, 474, 602, 641, 702, 725, 773, 775, 776, 777, 780, 782, 904, 905 [IMAGE AVAILABLE]
26. 5,668,292, Sep. 16, 1997, Use of plant fatty acyl hydroxylases to produce hydroxylated fatty acids and derivatives in plants; Chris Somerville, et al., 800/306; 530/377; 536/23.6; 800/281, 298, 312, 320.1, 322 [IMAGE AVAILABLE]

27. 5,661,123, Aug. 26, 1997, Enteral composition for malabsorbing patients; Lance Stalker, et al., 514/2, 23, 474, 547, 556, 560, 578, 643, 681, 702, 763 [IMAGE AVAILABLE]
28. 5,658,767, Aug. 19, 1997, Arachidonic acid and methods for the production and use thereof; David J. Kyle, 435/134; 426/585; 514/558, 560 [IMAGE AVAILABLE]
29. 5,648,616, Jul. 15, 1997, Evaluation Electronics of a coriolis mass flow sensor; Guido Keel, 73/861.356 [IMAGE AVAILABLE]
30. 5,635,199, Jun. 3, 1997, Support of pediatric patients; Susan Trimbo, et al., 424/439; 514/2, 21 [IMAGE AVAILABLE]
31. 5,591,446, Jan. 7, 1997, Methods and agents for the prophylaxis of atopy; Bodo C. Melnik, et al., 424/439; 426/648, 801; 514/558, 560 [IMAGE AVAILABLE]
32. 5,589,468, Dec. 31, 1996, Method for providing nutrition to elderly patients; Paul M. Lin, et al., 514/52; 426/607, 608; 514/167, 251, 458, 474, 602, 641, 702, 725, 773, 775, 776, 777, 780, 782, 904, 905 [IMAGE AVAILABLE]
33. 5,583,019, Dec. 10, 1996, Method for production of arachidonic acid; William R. Barclay, 435/134, 135, 136, 254.1, 911 [IMAGE AVAILABLE]
34. 5,571,783, Nov. 5, 1996, Composition and method for treating patients with hepatic disease; Dirk H. Montagne, et al., 514/2; 424/195.1; 426/656, 658; 514/23, 552, 893 [IMAGE AVAILABLE]
35. 5,567,730, Oct. 22, 1996, Method of stabilizing an .omega.-3 unsaturated fatty acid compound; Kazuo Miyashita, et al., 514/549, 558 [IMAGE AVAILABLE]
36. 5,550,156, Aug. 27, 1996, Microbial oil mixtures and uses thereof; David J. Kyle, 514/547, 560 [IMAGE AVAILABLE]
37. 5,549,905, Aug. 27, 1996, Enteral composition for pediatric patients; David A. Mark, et al., 424/439; 514/23 [IMAGE AVAILABLE]
38. 5,539,133, Jul. 23, 1996, Process for extracting lipids with a high production of long-chain highly unsaturated fatty acids; Gerhard Kohn, et al., 554/20, 8, 224 [IMAGE AVAILABLE]
39. 5,518,751, May 21, 1996, Process for the preparation of **milk** concentrates and **milk** powders having a long storage life; Cor de Boer, et al., 426/585, 491, 492, 580, 587 [IMAGE AVAILABLE]
40. 5,504,072, Apr. 2, 1996, Enteral nutritional composition having balanced amino acid profile; Mary K. Schmidl, et al., 514/21; 424/439, 600, 679, 709; 426/64, 72, 73; 514/2 [IMAGE AVAILABLE]
41. 5,438,042, Aug. 1, 1995, Enteral nutritional composition having balanced amino acid profile; Mary K. Schmidl, et al., 514/21; 424/439, 600, 679, 709; 426/64, 72, 73; 514/2 [IMAGE AVAILABLE]
42. 5,411,751, May 2, 1995, Reducing gastrointestinal irritation in infant nutrition; Karen D. Crissinger, et al., 426/2, 72, 74, 658, 801 [IMAGE AVAILABLE]
43. 5,405,835, Apr. 11, 1995, Compositions for use in dietetics, reanimation and therapeutics, containing a protein fraction based on three types of minipeptides; Francois Mendy, 514/21; 426/656, 657; 514/7, 15, 16, 18, 19 [IMAGE AVAILABLE]

44. 5,374,657, Dec. 20, 1994, Microbial oil mixtures and uses thereof; David J. Kyle, 514/547, 560 [IMAGE AVAILABLE]
45. 5,354,573, Oct. 11, 1994, Fat soluble polymers and their use in foods; Akiva T. Gross, et al., 426/603; 106/244; 426/417, 601, 602; 523/511; 524/322 [IMAGE AVAILABLE]
46. 5,298,493, Mar. 29, 1994, Compound for use in dietetics, reanimation and therapeutics containing protein fractions based on three types of minipeptides; Francois Mendy, 514/21; 424/656; 514/7, 16, 17, 18, 19 [IMAGE AVAILABLE]
47. 5,288,619, Feb. 22, 1994, Enzymatic method for preparing transesterified oils; Peter H. Brown, et al., 435/134; 426/33, 601, 603, 607; 435/137 [IMAGE AVAILABLE]
48. 5,262,406, Nov. 16, 1993, Prevention and treatment of microbial infection by phosphoglycerides; Joseph J. Vitale, 514/78 [IMAGE AVAILABLE]
49. 5,256,640, Oct. 26, 1993, Gallstone mitigation by nutrient stimulated gallbladder contraction; Francis J. Peterson, et al., 514/2; 424/600; 514/23, 52, 53, 54, 251, 474, 558, 726, 877 [IMAGE AVAILABLE]
50. 5,231,085, Jul. 27, 1993, Compositions and methods for the enhancement of host defense mechanisms; J. Wesley Alexander, et al., 514/44, 47, 49, 50, 51, 547, 549, 552, 558, 560, 885 [IMAGE AVAILABLE]
51. 5,221,668, Jun. 22, 1993, Nutritional product for trauma and surgery patients; Mary F. Henningfield, et al., 514/23; 424/439, 442; 426/601, 606, 607, 656, 658, 800, 801, 810; 514/2, 878, 909, 911, 921 [IMAGE AVAILABLE]
52. 5,139,803, Aug. 18, 1992, Method and liposome composition for the stabilization of oxidizable substances; Lynn C. Haynes, et al., 426/330.6, 602 [IMAGE AVAILABLE]
53. 5,135,922, Aug. 4, 1992, Prevention and treatment of microbial infection by phosphoglycerides; Joseph J. Vitale, 514/78, 76, 77, 167 [IMAGE AVAILABLE]
54. 5,133,963, Jul. 28, 1992, Method of producing commercially useful poultry products with increased concentrations of Omega-3 polyunsaturated fatty acids; Shuntaro Ise, 424/94.61; 514/458, 560 [IMAGE AVAILABLE]
55. 5,055,446, Oct. 8, 1991, Method to improve survival of patients during sepsis by diet composition; J. Wesley Alexander, et al., 514/2, 23, 552 [IMAGE AVAILABLE]
56. 5,053,490, Oct. 1, 1991, Useful substance-albumin complex; Toshio Satoh, et al., 530/362 [IMAGE AVAILABLE]
57. 5,017,386, May 21, 1991, Method of reducing odor associated with hexanal production in plant products; David F. Hildebrand, et al., 426/18, 31, 46 [IMAGE AVAILABLE]
58. 5,015,483, May 14, 1991, Liposome composition for the stabilization of oxidizable substances; Lynn C. Haynes, et al., 426/73, 311, 603 [IMAGE AVAILABLE]
59. 5,013,569, May 7, 1991, Infant formula; David Rubin, 426/585, 801 [IMAGE AVAILABLE]
60. 5,011,855, Apr. 30, 1991, Cosmetic and dermatological compositions

containing .gamma.-linolenic acid; Helmut Traitler, et al., 514/558; 424/74, 195.1; 514/844 [IMAGE AVAILABLE]

61. 4,981,844, Jan. 1, 1991, Method to improve immune response and resistance to infection following surgery by diet composition; J. Wesley Alexander, et al., 514/21, 2, 549, 552, 560 [IMAGE AVAILABLE]

62. 4,970,235, Nov. 13, 1990, Medicaments containing of linolenic acid; Helmut Traitler, et al., 514/558; 426/601 [IMAGE AVAILABLE]

63. 4,938,984, Jul. 3, 1990, Nutritive compositions containing fatty substances; Helmut Traitler, et al., 426/580, 601, 801 [IMAGE AVAILABLE]

64. 4,868,001, Sep. 19, 1989, Feed for animals and process for producing same; Kazumitsu Maruta, 426/623, 520, 805, 807; 435/254.1, 256.2; 514/560 [IMAGE AVAILABLE]

65. 4,703,060, Oct. 27, 1987, Nutritive compositions containing fatty substances and a process for the preparation thereof; Helmut Traitler, et al., 514/549, 844, 861, 863, 866 [IMAGE AVAILABLE]

66. 4,698,388, Oct. 6, 1987, Method for modifying the surface of polymer materials; Hiroshi Ohmura, et al., 525/88; 8/115.6; 428/420; 525/54.44, 89, 90, 91, 92B, 92C, 92D, 92E, 92F, 92H, 93, 94, 95, 96, 98, 99, 273 [IMAGE AVAILABLE]

67. 4,678,808, Jul. 7, 1987, Rapid acting intravenous emulsions of omega-3 fatty acid esters; Michael V. Ward, et al., 514/560, 77, 78, 822 [IMAGE AVAILABLE]

68. 4,670,285, Jun. 2, 1987, Infant formula; Michael T. Clandinin, et al., 426/602, 585, 607, 613, 801 [IMAGE AVAILABLE]

69. 4,604,425, Aug. 5, 1986, Method for modifying the surface of polymer materials; Hiroshi Ohmura, et al., 525/88; 260/DIG.17, DIG.18; 525/89, 90, 91, 92B, 92C, 92D, 92E, 92F, 92J, 92K, 93, 94, 95, 96, 98, 99, 273 [IMAGE AVAILABLE]

70. 4,517,563, May 14, 1985, Apparatus and method for identification of objects; Emanuel Diamant, 340/825.54; 119/51.02; 340/825.3 [IMAGE AVAILABLE]

28667 MILK  
72965 OMEGA  
2438648 3  
835 OMEGA 3  
(OMEGA(W) 3)  
L2 130 MILK AND OMEGA 3

=> s milk and dha

28667 MILK

593 DHA

L3 119 MILK AND DHA



=> s milk and docosahexaenoic

28667 MILK

382 DOCOSAHEXAENOIC

L4 109 MILK AND DOCOSAHEXAENOIC

> s milk and arachidonic

28667 MILK

4642 ARACHIDONIC

L6

514 MILK AND ARACHIDONIC

s linoleic and linolenic and milk

10551 LINOLEIC

6060 LINOLENIC

28667 MILK

L8 497 LINOLEIC AND LINOLENIC AND MILK

=> s oleic acid and milk

26028 OLEIC  
459836 ACID  
21083 OLEIC ACID  
(OLEIC(W)ACID)

L9 28667 MILK  
1219 OLEIC ACID AND MILK

=> s arginine and histidine and isoleucine and methionine and phenylalanine and threonine and tryptophan and valine and cystine and tyrosine

17043 ARGININE  
11271 HISTIDINE  
8456 ISOLEUCINE  
14834 METHIONINE  
12920 PHENYLALANINE  
9788 THREONINE  
9666 TRYPTOPHAN  
10879 VALINE  
4044 CYSTINE  
13940 TYROSINE

L42            973 ARGININE AND HISTIDINE AND ISOLEUCINE AND METHIONINE AND PH  
ENY  
                 LALANINE AND THREONINE AND TRYPTOPHAN AND VALINE AND CYSTIN  
E A  
                 ND TYROSINE

=> s 142 and 117

L43            5 L42 AND L17

=> d 1-5

1. 5,451,412, Sep. 19, 1995, Biologically active undenatured whey protein concentrate as food supplement; Gustavo Bounous, et al., 424/535; 426/72; 514/2, 21, 251, 276, 885; 530/365, 833 [IMAGE AVAILABLE]

2. 5,290,571, Mar. 1, 1994, Biologically active whey protein concentrate; Gustavo Bounous, et al., 424/535; 426/72; 514/2, 21, 251, 276, 885; 530/365, 833 [IMAGE AVAILABLE]

3. 4,959,350, Sep. 25, 1990, Enteral diet product and agent for production thereof; Sven Frokjaer, et al., 514/2; 426/656; 514/21; 530/378 [IMAGE AVAILABLE]

4. 4,294,856, Oct. 13, 1981, Process for manufacture of artificial milk replacer for raising infant pigs and other infant animals; Toyosuke Kinumaki, et al., 426/7, 643, 805 [IMAGE AVAILABLE]

5. 4,105,803, Aug. 8, 1978, Soybean-cheese whey food product; Andrew C. Peng, 426/583, 582, 634 [IMAGE AVAILABLE]

=

=> s 117 and arachidonic

4631 ARACHIDONIC

L37                6 L17 AND ARACHIDONIC

=> d 1-6

1. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, 426/583, 588, 602, 805 [IMAGE AVAILABLE]

2. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine, 426/583, 588, 805 [IMAGE AVAILABLE]

3. 5,066,500, Nov. 19, 1991, Infant formulas and nutrition products enriched with nucleosides and/or nucleotides and processes for their preparation; Angel H. Gil, et al., 426/72, 801 [IMAGE AVAILABLE]

4. 4,994,442, Feb. 19, 1991, Method for stimulation or repair and regeneration of intestinal gut cells in infants and enhancing the immune response of t-cells; Angel H. Gil, et al., 514/45; 426/72, 73, 74; 514/46, 47, 48, 49, 50, 51, 885 [IMAGE AVAILABLE]

5. 4,938,984, Jul. 3, 1990, Nutritive compositions containing fatty substances; Helmut Traitler, et al., 426/580, 601, 801 [IMAGE AVAILABLE]

6. 4,544,559, Oct. 1, 1985, Nucleotide enriched humanized milk and process for its preparation; Angel Gil, et al., 426/72, 73, 74, 399, 401, 580, 585, 658, 801 [IMAGE AVAILABLE]

A

72871 OMEGA

2436303 3

832 OMEGA-3

(OMEGA (W) 3)

L33

1 L17 AND OMEGA-3

=> d

1. 4,938,984, Jul. 3, 1990, Nutritive compositions containing fatty  
s

=> s 117 and omega-3

72871 OMEGA  
2436303 3  
832 OMEGA-3  
(OMEGA(W) 3)

L33 1 L17 AND OMEGA-3

=> d

1. 4,938,984, Jul. 3, 1990, Nutritive compositions containing fatty substances; Helmut Traitler, et al., 426/580, 601, 801 [IMAGE AVAILABLE]

=> s 117 and dha

593 DHA

L34 2 L17 AND DHA

=> d

1. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, 426/583, 588, 602, 805 [IMAGE AVAILABLE]

=> d1-2

'D1-2' IS NOT A RECOGNIZED COMMAND

=> d 1-2

1. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, 426/583, 588, 602, 805 [IMAGE AVAILABLE]

2. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine, 426/583, 588, 805 [IMAGE AVAILABLE]

=> s dha or docosahexaenoic

593 DHA  
381 DOCOSAHEXAENOIC

L35 788 DHA OR DOCOSAHEXAENOIC

=> s 117 and 135

L36 4 L17 AND L35

=> d 1-4

1. 5,882,714, Mar. 16, 1999, Queens milk replacer; Allan J. Lepine, 426/583, 588, 602, 805 [IMAGE AVAILABLE]



2. 5,792,501, Aug. 11, 1998, Queen's milk replacer; Allan Lepine, 426/583, 588, 805 [IMAGE AVAILABLE]

3. 5,066,500, Nov. 19, 1991, Infant formulas and nutrition products enriched with nucleosides and/or nucleotides and processes for their preparation; Angel H. Gil, et al., 426/72, 801 [IMAGE AVAILABLE]

4. 4,994,442, Feb. 19, 1991, Method for stimulation or repair and regeneration of intestinal gut cells in infants and enhancing the immune response of t-cells; Angel H. Gil, et al., 514/45; 426/72, 73, 74; 514/46, 47, 48, 49, 50, 51, 885 [IMAGE AVAILABLE]

=